ABSTRACT OF THE DISCLOSURE

A camera system and automated translation system allows automatic image capture of a recoat of a fiber which has undergone a number of processes. These images may be used to automatically inspect the recoat of the fiber in accordance with objective criteria. A stability index may be determined based on the thickness of the recoat on the fiber, a uniformity of the recoat on the fiber, a depth of any surface cracks on the recoat, and a depth of any bubbles in the recoat. A desired stability index may be determined in accordance with a desired lifetime of the fiber and an intended use of the fiber.